

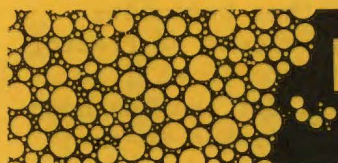
cal poly report



CALIFORNIA POLYTECHNIC STATE UNIVERSITY
SAN LUIS OBISPO, CALIFORNIA 93407

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FULL ENGINEERING WEEK

SCHEDULE ANNOUNCED

John Bardgette, a project manager for the Exxon Corporation, will speak on off-shore oil drilling at the Engineering Week Banquet on Friday (Feb. 25) at Cal Poly. Bardgette will narrate a series of slides showing the different stages of construction of Exxon's Hondo Platform in the Santa Barbara Channel. The platform, which Bardgette has been involved with since 1974, set a new water depth record of 850 feet. Bardgette has been associated with Exxon's off-shore operations since 1963. He has been engineer in charge of land phase construction of over 30 platforms in the Gulf of Mexico.

Also planned during the banquet, which will take place at 7:30 pm in the Staff Dining Room, will be announcement of the outstanding seniors in the university's School of Engineering and Technology and in each of the departments of the school. The banquet is open to Cal Poly students, faculty, and their guests. Tickets are priced at \$5.50 per person and are being sold at the School of Engineering and Technology Office in the Computer Science Building and by members of the Engineering and Technology Student Council.

Another highlight of the 1977 Engineering Week at Cal Poly will be the catapult contest at 11 am on Thursday (Feb. 24) in the plaza of the University Union. Prizes will be awarded for the student-built catapults that can toss water balloons across the plaza with the greatest accuracy. Other events scheduled during the week include series of speakers and displays on engineering subjects from 10 am to 3 pm on Wednesday (Feb. 23) in Chumash Auditorium and a brown-bag picnic luncheon for engineering students and faculty at noon on Tuesday (Feb. 22) in Poly Grove.

CROP SCIENCE ALUMS WILL MEET

Farm labor, pesticides, and legislation will be the key topics of a seminar for 200 alumni of the Crop Science Department on Saturday (Feb. 26). Corwin Johnson (Head, Crop Science) has announced that William Thomas, manager, California Food Producers Association, will describe the "Impact of the California Labor Relations Act and Board on California Agriculture;" Stanley W. Strew, executive director, Council of California Agricultural Pest Control Advisors, Inc., will review "Present Regulations on Pesticides and the Implications of Contemplated Actions;" and Assemblywoman Carol Hallet (R-Atascadero) of the 29th district will discuss "Present Proposed Legislation of Interest to Agriculture."

Registration for the seminar sponsored by the Crop Science Department will begin at 10 am in the Staff Dining Room. The session will include a luncheon in the Staff Dining Room, a tour of crop science facilities, and a banquet at the San Luis Obispo Country Club at 6:30 pm.

DETAILS OF BUSINESS SEMINAR REVEALED

Twenty-five of the nation's most prestigious corporations will be represented at the 11th annual Business Seminar at Cal Poly on Thursday and Friday (Feb. 24 and 25). The two-day seminar for students and faculty is being sponsored by the campus chapter of the Society for the Advancement of Management with the cooperation of the Business Administration Department.

Representatives of IBM, Levi Strauss, Hewlett-Packard, Bank of America, American Telephone and Telegraph, and Metro-Goldwyn-Mayer, among others, will speak on topics ranging from career opportunities to the future of the U.S. economy and other business-related topics. Featured will be the luncheon talk by John Smale, president of Proctor and Gamble, at 11 am on Thursday (Feb. 24) in Chumash Auditorium. His topic will be "The Political and Social Role of Corporations in the 1980's." Tickets for the luncheon are priced at \$2.50 for SAM members and \$3.50 for others. They are available in the lobby of the Business Administration Building from 9 am to 5 pm through Tuesday (Feb. 22).

Three of the seminar participants are former members of the Cal Poly campus community and will be familiar to many. Dr. Edward Barker, now the senior vice president of California Federal Savings and Loan, was dean of the school of Business and Social Sciences from 1971 to 1973; R. J. Considine, Jr., now senior vice president with Ryder Stilwell Company, Los Angeles, is an alumnus and former member of the business administration faculty; and Dr. Sara Behman is presently on leave from the university faculty serving as chief of labor statistics for the state Department of Industrial Relations.

"WITH THE CUBAN WOMEN" WILL BE SCREENED

"With the Cuban Women," a 48-minute color film, will be presented at 8 pm on Thursday (March 3) in Chumash Auditorium. The public is invited, and a 50-cent donation is requested to defray the cost of projection. Produced in 1975 by the Instituto Cubano del Arte y Industria Cinematografica of Cuba, "With the Cuban Women" was one of the most highly acclaimed films of a Cuban Film Festival held in San Francisco in 1975.

Critic Morris Wright wrote: "Every male-chauvinist myth about women is demolished so neatly and completely that moralizing would be anticlimatic." The campus showing is co-sponsored by the Cal Poly Political Action Club and the Women's Collective. Both groups are associated with the Associated Students, Inc.

"BORN YESTERDAY" OPENS TONIGHT

Tickets are still available for the stage production of "Born Yesterday" at Cal Poly on Thursday, Friday, and Saturday (Feb. 24, 25, and 26). Curtain time will be 8 pm each evening in the Cal Poly Theatre. Priced at \$2 general admission and \$1 for students, the tickets are on sale at the University Union ticket office. They will also be available at the theatre box office prior to each performance.

Directed by J. Murray Smith (Speech Communication), the campus production stars Rob. E. Harry, Brian Tomlinson, and Russell J. McBrien. "Born Yesterday" is a 1940's comedy about a former chorus girl who finds that life with a rich junk dealer isn't her only alternative. The play had one of the longest runs in Broadway history and was later made into a movie.

FEE WAIVER PROGRAM FOR SPRING QUARTER

Forms are available in the Personnel Office for faculty and staff to enroll in either work-related or career development courses under the Fee Waiver Program for spring quarter. Employees may be eligible to participate in this program subject to the following guidelines:

1. Be a full-time, permanent or probationary employee. This excludes part-time employees and temporary (those in limited-term appointments for less than one year) full-time employees as well as graduate assistants and student assistants. Employees in employment categories funded from sources other than CSUC, such as Foundation, A.S.I. and Comprehensive Training and Employment Act, are not eligible to participate in this program.
2. Be approved for courses by the immediate supervisor, dean/division head and appropriate vice president. Fees for courses taken through the Continuing Education Program (Extension Courses) may not be waived under this program. The following fees may be fully waived: application fee, campus services card fee and student services fee. The following fees may be reduced to \$1.00: facility fee, Associated Students' fee and University Union fee. All other charges will be at the regular rate.
3. Be enrolled in either work-related courses or career development courses. Eligible employees working full-time may have fees waived for enrollment in up to 6 units per quarter and may take one course during working hours.
 - a. Work-related Courses - Applicants must complete Admissions forms as necessary, but are not required to submit transcripts and/or admissions test scores and are not required to matriculate. Applicants are considered "transitory" and acceptance is for one quarter only. In order to register the following quarter, you must obtain all approvals once again.
 - b. Career Development Courses - All applicants must submit transcripts and test scores. Admission will be in accordance with established basis of admission, including exception admissions, and the Permit to Register will be governed by regular rules. Transfer students will be provided with an evaluation of their transfer work. Applicants must refile a Form 133 each quarter with Personnel in order to obtain a waiver of fees. Applicants need not submit a new application for admission each quarter.

To apply for a waiver of University courses for 1977 Spring Quarter, full-time employees should:

1. Pick up an Application for Waiver of Fees for University Courses, Form 133, and Individual Development Plan, Form 135, in the Personnel Office, Adm. 110.
2. Complete both forms and return to the Personnel Office after obtaining appropriate supervisory signatures as soon as possible.
3. Complete application for admission as necessary.

With Spring Quarter approaching, it is necessary that these forms be completed and returned to the Personnel Office as soon as possible but no later than Friday (Mar. 4). For questions, contact Robert M. Negranti (Staff Personnel Officer) Ext. 2236.

KODAK PRODUCTS WILL BE DISPLAYED

Representatives from Eastman Kodak's Motion Picture and Audio Visual Markets, and Photo Finishing Division will hold an educational display of new materials and equipment in Business Administration and Education 25 on Friday (Feb. 25). from 10 am to 12 noon, and from 1 pm to 2 pm. Items such as Videoplayer for use of Super 8 mm film on TV and the new E-6 Processor will be shown. Further information may be obtained by calling Marcus Gold at Ext. 2211.

ORCHESTRA CONCERT WILL FEATURE FLAUTIST

Louise DiTullio, classical flautist, will appear as guest soloist with the Cal Poly Chamber Orchestra in concert, conducted by Cliff Swanson, in the Cal Poly Theatre at 8:15 pm on Friday (March 4). The concert is being presented by the Fine Arts Committee of the A.S.I., in cooperation with the Music Department. Admission will be \$2.50 for adults and \$1.50 for students.

Miss DiTullio will join the Cal Poly orchestra for Vivaldi's Concerto in C major for piccolo and string orchestra, and the Concerto for flute and chamber orchestra by DuBois. She will also join harpsichordist Ronald V. Ratcliffe in performing J.S. Bach's Sonata No. 2 for flute and harpsichord. Also programmed for the concert are the university orchestra's rendition of Mozart's Symphony No. 21 in A major, K. 134 and Handel's Concerto Grosso in D minor, Op. 3, No. 5.

Miss DiTullio has performed as a soloist with the San Luis Obispo Mozart Festival, the Carmel Bach Festival, and the Ojai Music Festival orchestras. She has recorded performances with the English Chamber Orchestra and the Los Angeles Wind Quartet. A former member of the Los Angeles Philharmonic Orchestra, where she played for over six years, she comes from a family of classical musicians which includes her father, a cellist, and two uncles, one a cellist and the other a violinist.

A.S.I. VACANCY ANNOUNCEMENT

There is one position available in the Student University Union Building, Student Affairs Division. Position will be supported by fees and subsidized by the Associated Students, Incorporated. Job descriptions and applications are available in the Julian McPhee University Union Building, room 202

Building Operations Manager, (\$1225-\$1474/month), University Union, A.S.I., Student Affairs Division. Duties: Selects, trains, supervises student assistants, information desk attendant, AV set-up crewman; prepares annual budget requests; coordinates the Union's physical facilities regarding maintenance and repairs, issuance of keys and inventory of equipment; supervises custodial staff; develops and maintains an effective public relations program, and other duties as required by the Director. Requirements: graduation from college with two years full-time experience in operating a large building. Candidates with 60 semester units college work would require 4 years of related experience. Closing date: 3/11/77.

VACANT FOUNDATION STAFF POSITION

The Foundation is accepting applications for the following open position as announced by J. L. Fryer, Personnel Officer. Interested applicants may apply at the Foundation Personnel Office, University Union Building, Room 212, 546-1121. Cal Poly Foundation is subject to the requirements of Executive Order 11246 and is an Affirmative Action and Title IX Employer. All interested persons are encouraged to apply.

Cafeteria Worker C (\$2.90-3.58 per hour), Food Service Department. Primary duties include general cafeteria work; food preparation; operating kitchen equipment; handling cash; preparation of reports and supervision of other employees. Requirements: High school education with one full year of experience in a similar position. Applications will be accepted through March 10, 1977.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Tuesday (March 1) in the Public Affairs Office, Adm. 125. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Wednesday (March 2).

CANDIDATES FOR FACULTY POSITIONS BEING SOUGHT

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton, (Director, Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing affirmative action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendment Act. All interested persons are encouraged to apply.

Lecturer, (\$4128-\$5696/quarter, dependent upon qualifications), Speech Communication Department, School of Communicative Arts and Humanities. Full-time position for Summer Quarter, 1977. Assignment is teaching basic speech communication courses and assisting in Departmental activities. Doctorate and experience preferred. Closing date: 5/1/77.

Lecturer, (\$1810-\$3314/quarter, salary based upon qualifications), Speech Communication Department, School of Communicative Arts and Humanities. Part-time position for Summer Quarter, 1977. Assignment is teaching two sections of Children's Drama. Doctorate and experience preferred. Closing date: 4/15/77.

Lecturer, (\$4128-\$5696/quarter, based on 15-unit teaching load, salary dependent upon qualifications and assignment), Speech Communication Department, School of Communicative Arts and Humanities. Position may be part-time or full-time for Summer Quarter, 1977, contingent upon enrollment and available funds. Assignment is teaching basic speech communication courses. Doctorate and experience preferred. Closing date: 4/1/77.

Lecturer, (\$13,572-\$20,592/year, dependent upon qualifications), Mechanical Engineering Department, School of Engineering and Technology. To teach basic courses in mechanical engineering. Industrial and teaching experience desired. Ph.D. in Mechanical Engineering preferable. Full-time position for the 1977-78 academic year only. Closing date: 5/1/77.

Lecturer, (\$13,572-\$16,320/for Summer, Fall and Winter Quarters, depending upon qualifications), Ornamental Horticulture Department, School of Agriculture and Natural Resources. Master's Degree in Ornamental Horticulture or closely related field plus commercial or teaching experience. The successful candidate will be expected to teach courses in Fundamentals of Ornamental Horticulture, Plant Materials and Ornamental Gardening. Closing date: 4/15/77.

Lecturer, (\$13,572-\$16,320/year), Social Sciences Department, Division of Social Sciences. One full-time position for the 1977-78 academic year. Areas of specialization may include any of the following: social work, social welfare, social services, corrections or race relations. Ph.D. preferred. Closing date: 4/1/77.

Assistant/Associate Professor, (\$13,572-\$20,592/year), full-time position. Home Economics Department, School of Human Development and Education. Duties: include teaching in Equipment, Family Economics, Home Management and Housing Technology Areas of Home Economics. Candidates must possess a doctorate in Home Economics with graduate specialization in two of the areas outlined above. Appointment level will depend upon professional experience and qualifications. Position available: 9/77. Closing date: 4/15/77.

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SUPPORT STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Administration 110, ext. 2236. Applications shall be on official forms. Contact the Personnel Office to obtain an application. This University is subject to all laws governing affirmative action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act. All interested persons are encouraged to apply.

Departmental Secretary II-B, (\$822-984/month), Engineering Technology Department, School of Engineering and Technology. Duties: Receptionist, filing dictation, typing exams, correspondence for department head and faculty and various other clerical requirements. Requirements: high school graduate, three years clerical experience, type 45 wpm, shorthand 100 wpm and must have taken the General Clerical Test. Closing date: 3/3/77.

Clerical Assistant II-B, (\$719-\$859/month), Mathematics Department, School of Science and Mathematics. Duties: include typing, taking dictation from faculty members, receptionist, maintaining files and various other clerical functions. Requirements: high school graduate, 1 year of clerical experience, type 45 wpm, shorthand 90 wpm, and must have taken the General Clerical Test. Working hours: Monday thru Thursday from 12:00 P.M. to 9:00 P.M. and Friday from 8:00 A.M. to 5:00 P.M. Closing date: 3/3/77.

Technical Assistant I, (\$772-\$923/month), Audiovisual Services, Academic Affairs. Duties: schedules requests, inspects, cleans, prepares, issues, delivers, sets-up, picks-up and demonstrates proper operations of materials and equipment. Minor editing and dubbing of video tapes, minor repairs and maintenance of accurate reports and records also required. Requirements: high school graduate with six months experience or four semester hours of college in mechanical, electronic or electrical work. Closing date: 3/3/77.

FACULTY VACANCIES...(continued from page 5)

Assistant Professor, (\$13,572-\$16,320/Academic Year, depending on qualifications), Ornamental Horticulture Department, School of Agriculture and Natural Resources. Master's Degree in Ornamental Horticulture or closely related field plus commercial or teaching experience. The successful candidate will be expected to teach courses in Fundamentals of Ornamental Horticulture, Plant Materials and Ornamental Gardening. Closing date: 4/15/77.

Assistant Professor, (\$13,572-\$16,320/Academic Year, depending on qualifications), Ornamental Horticulture, School of Agriculture and Natural Resources. Master's Degree in Ornamental Horticulture, or closely related field plus commercial or teaching experience. The successful candidate will be expected to teach courses in Landscape Construction, Landscape Drafting and Plant Materials and will advise and supervise students in the operation of machinery. Closing date: 4/15/77.

Assistant/Associate Professor, (\$14,880-\$17,088, depending on qualifications and experience), Environmental Engineering Department, School of Engineering and Technology. Position available September 1977. Ph.D. in engineering required, with industrial experience and professional registration desired. Background in Thermal sciences and pollution control required. Closing date: 5/1/77.

encouraging notes

February 24, 1977

NEH - FELLOWSHIPS FOR INDEPENDENT STUDY AND RESEARCH. Fellowships for Independent Study and Research are for scholars, teachers, and other interpreters of the humanities who have made or demonstrated promise of making significant contributions to humanistic thought and knowledge. Applications may come from college and university faculty members and from others who work in the humanities: they may come from persons with broad humanistic interests and from scholars working in specialties. The work undertaken with a fellowship may lie within the Fellow's special interest or it may be work in some other field that will help him understand his own field better and enlarge his competence.

Applicants must have completed their professional training, but may otherwise be at any stage of their careers. Persons who have entered their professions without advanced degrees are eligible to apply, but degree candidates and persons seeking support for work leading toward degrees are not. Teachers at undergraduate colleges who are primarily interested in increasing their understanding of the subjects they teach in order to improve their teaching are encouraged to apply in the fall to the Endowment's program.

DEADLINE: *June 1, 1977.*

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NEH - TRANSLATION PROJECTS. The Division of Research Grants of the National Endowment for the Humanities announces an experimental program to support translations into English of major works in foreign languages and invites the submission of proposals for that purpose. The intention of the program is to make available to scholars and the general reading public annotated translations which will contribute to an understanding of the historical and intellectual values of other cultures. The availability of a greater range of translated works should also broaden the possibilities and scope of comparative research by scholars in all humanistic fields. Tests from any discipline relevant to humanistic scholarship are eligible. DEADLINE: *April 1, 1977.*

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USOE - ARTS EDUCATION. The U.S. Office of Education has extended the application deadline for its Arts Education Program from March 1 to *March 23.*

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USOE - RIGHT TO READ SPECIAL EMPHASIS PROGRAM. Applications for contract under this program must be submitted to the U.S. Office of Education by *March 11, 1977.* USOE expects that \$900,000 will be available in FY 1977, and that approximately eight contracts ranging from \$100,000 to \$200,000 will be awarded.

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NSF - RESEARCH IN SCIENCE EDUCATION. Proposals for educational research in the natural and social sciences, mathematics and engineering are invited by NSF. Eligible topics include: (1) evaluation of existing research findings and studies in order to focus on differences between actual and desired science education practices and to identify needed new research; (2) research studies in several areas of science education, curriculum development, and science instruction; and (3) exploratory research in science education. (NSF SE 77-55)

NSF - NATO ADVANCED STUDY PROGRAM. Plans to help about 80 young U. S. scientists to attend some 40 North Atlantic Treaty Organization (NATO) Advanced Study Institutes in Europe during the summer of 1977 have been announced by National Science Foundation. The Institutes--which provide advanced instruction on specialized topics in the physical, life and social sciences and in engineering and mathematics--last two to three weeks and are attended by young scientists from the various NATO countries. Junior faculty and advanced graduate and postdoctoral students are eligible to apply.

Since awards are made only upon nomination by a NATO Institute Director, inquiries should be sent to the appropriate director instead of to NSF. However, general information about these awards, and a list of NATO Institutes, can be obtained from: NATO Travel Awards, Division of Science Manpower Improvement, NSF, Washington, DC, 20550. Telephone: 202/282-7156.

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NSF - SCIENCE INFORMATION PROGRAM. Current priorities within the Division of Science Information (DSI), which seeks innovations in scientific and technical communication processes, have recently been described by NSF. These include:

- (1) INFORMATION SCIENCE - fundamental research on information science problems; development of theoretical bases for new science communication systems; development of performance measures for information systems; and applications of advanced communication services;
- (2) ACCESS IMPROVEMENT - applied research on ways of getting newly discovered information into the public record; of providing access to the public record of science and technology; and of identifying, obtaining and using information;
- (3) USER REQUIREMENTS - applied research on conditions affecting use of scientific and engineering information; on impact of organizational policies for use of scientific information; on information requirements of various user groups; on development of curricula and training materials for using information resources; and on development of user-responsive and cost-effective information services for scientists and engineers; and
- (4) MANAGEMENT STUDIES AND COORDINATION - research on economic and structural characteristics of the scientific information enterprise, national issues affecting scientific communication, and the economics of information transfer; analyses required for improving coordination among public and private scientific information services; and support for exchange of scientific information with other countries.

Within each of these priorities, a wide variety of projects are supported, including conceptual and theoretical studies, field surveys, and experimental tests of alternatives to conventional information transfer practices. (NSF 76-50)

Formal proposals for DSI projects may be submitted at any time of the year, but NSF recommends that an informal inquiry first be sent to the appropriate program (corresponding to the four areas listed above).

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NSF - GRANTS FOR SPECIALIZED RESEARCH EQUIPMENT IN ENGINEERING. Applications may be submitted by individual research workers, research groups, engineering department chairmen, or engineering college deans. For further information and application materials, contact: Dr. Morris Ojalvo, Engineering Chemistry and Energetics Section, Division of Engineering, National Science Foundation, Washington, DC, 20550. Telephone: 202/632-5867. DEADLINE: *March 31, 1977.*

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